

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Incident ID	nAPP2133735817
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nAPP2133735817
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

### Location of Release Source

Latitude 32.843933 Longitude -103.927714  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gissler B 3-2 Battery Produced Water Transfer Line	Site Type Produced Water Transfer Line
Date Release Discovered 11/20/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	12	17S	30E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 92	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release The 3-inch poly transfer line crosses a 2-track road approximately 3/4 of a mile south of the Gissler B 3-2 Battery, the line had sustained damage from the vehicular traffic which caused it to crack and split open. Lease operations had recently turned on the pump at the battery and had put 92 barrels of produced water into the transfer line when notification of the release was received. The line was not completely separated, but without a meter at the destination facility, it is not possible to provide a more accurate release volume.

State of New Mexico  
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 barrels of fluid presumed released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Andrea Felix, to Rob Hamlet, Mike Bratcher, Jim Griswold, through email on 11/21/21(11:13 am)	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:  	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Rep Safety &amp; Environmental Sr</u>
Signature: <u>Chase Settle</u>	Date: <u>12/03/2021</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>12/3/2021</u>

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## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature: *Chase Settle* Date: 02/17/2022  
email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2133735817
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## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 02/17/2022  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 02/28/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

2135 S. Loop 250 W,  
Midland, Texas 79703  
United States  
www.ghd.com

Our ref: 12573596

February 18, 2022

New Mexico Oil Conservation Division  
District 2  
811 South First Street  
Artesia, New Mexico 88210

Re: **Site Characterization and Closure Report**  
**Gissler B 3-2 Battery Produced Water Transfer Line Release Site**  
**EOG Resources, Inc.**  
Incident ID: nAPP2133735817  
N-12-17S-30E, Eddy County, New Mexico

## 1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, analyses, and remedial activities in the affected areas at the EOG Gissler B 3-2 Battery Produced Water Transfer Line Release Site (Site). The Site is located in Unit Letter N, Section 12 of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.843933 N latitude and 103.927714 W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3.

## 2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on December 3, 2021. The C-141 stated the release on November 20, 2021, was caused by, "The 3-inch poly transfer line sustained damage from the vehicular traffic which caused it to crack and split open". Approximately ninety-two (92) barrels (bbls) of produced water was released with zero (0) bbls being recovered. On November 21, 2021, EOG's contractor BDS Enterprise, LLC (BDS), on behalf of EOG scraped the surface of the impacted area and hauled the material to a NMOCD approved facility.

EOG on November 21, 2021, made the decision to provide the rest of the remaining excavation and field sampling for this site to a consultant/contractor (GHD). GHD understands the release falls under the jurisdiction of the NMOCD District 2 office in Artesia, New Mexico. The NMOCD assigned this release with the Incident Number nAPP2133735817. The Release Notification and Site Assessment/Characterization portions of Form C-141 are attached to the front of this report.

### 3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1 Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12) (NMAC Table I Closure Criteria). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

On May 20, 2021, Talon LPE (Talon) installed a temporary well, Gissler B #59, at the following GPS Coordinates, 32.848420 N latitude and 103.931751 W longitude to approximately 105 feet below ground surface (bgs.) which is located within a half mile from the Site. The Gissler B #59 Temp Well was left open for 72 hours and a water level meter was utilized to determine the presence or absence of groundwater. No groundwater was detected, and the temporary well was plugged and abandoned. Depth to groundwater for this Site is greater than one hundred (100) feet bgs. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) feet in Table 1 in NMAC 19.15.29.12. The Site characterization documentation (Talon’s Temporary Well Log, Karst Potential, FEMA, Points of Diversion and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

*General Site Characterization and Groundwater:*

Site Characterization	Average Groundwater Depth (ft)
Low Karst Potential Area	>100

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Constituent	Limits
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

### 4. Initial Excavation and Assessment Sampling

On December 1, 2021, GHD Services Inc. (GHD), on behalf of EOG, returned to the site to install eleven (11) hand borings and collect four (4) sidewall grab assessment samples from the previously scraped release area. Hand boring and grab sample locations were approximately collected from surface to two (2) feet below ground surface (bgs).

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B (modified) and Chloride by EPA Method 4500 by Cardinal Laboratories in Hobbs, New Mexico. Analytical results indicated that assessment soil samples BH-3 and BH-6 exhibited chloride or TPH concentrations above NMAC 19.15.29.13 criteria, surface to four (4) feet below grade surface. Figure 2, Initial Site Assessment: Analytical Results Map,

depicts the locations of the initial assessment samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

## 5. Excavation, Waste Management and Confirmation Sampling

Due to the initial assessment soil sampling activities exhibiting chloride and Total TPH concentrations above the selected NMAC Table 1 Reclamation Criteria, EOG provided to the BLM, as the surface owner, a proposed corrective action plan for review and approval on January 14, 2021. BLM promptly granted approval the same day to complete remediation of the release area and address a trespass two-track road near the release site. GHD and EOG's contractor Standard Safety and Supply (SS), on behalf of EOG, returned to the site on January 21 and January 24, 2021, to excavate the affected soils. Confirmation soil samples (CBH-1 through CBH-18) and (CSW-1 through CSW-5) were collected on January 24, 2022, after a confirmation sampling notification was submitted to the NMOCD two business days prior. All confirmation samples were taken to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and Chloride EPA Method 300. Analytical results indicated chloride, TPH, Benzene and BTEX concentrations were below the strictest Table 1 closure criteria, meeting the requirements of NMAC 19.15.29.13. Confirmation samples collected represented areas no greater than two hundred (200) square feet. Figure 3, Confirmation Sampling: Soil Analytical Results Map, depicts the locations of the confirmation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 3, and in the Laboratory Analytical Reports provided in Attachment B.

Waste management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 180 yards of impacted soil was disposed at Lea Land, LLC, from January 21 through January 24, 2022. The approved C-138 and waste manifests are provided in Attachment D.

The excavation was backfilled with non-impacted material on January 24 and January 27, 2022. GHD and SS, on behalf of EOG in coordination with BLM guidelines, re-seeded the backfill area with native seed on February 3, 2022. Attachment C, Photographic log, depicts the seed mixture used and seeding technique.

## 6. nAPP2133735817 Closure Requests

Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2133735817.

If you have any questions or comments concerning this Site Characterization and Closure Report, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

GHD



Becky Haskell  
Senior Project Manager



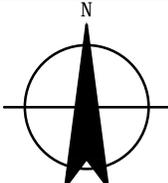
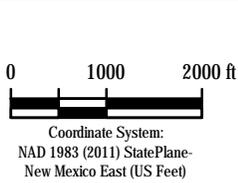
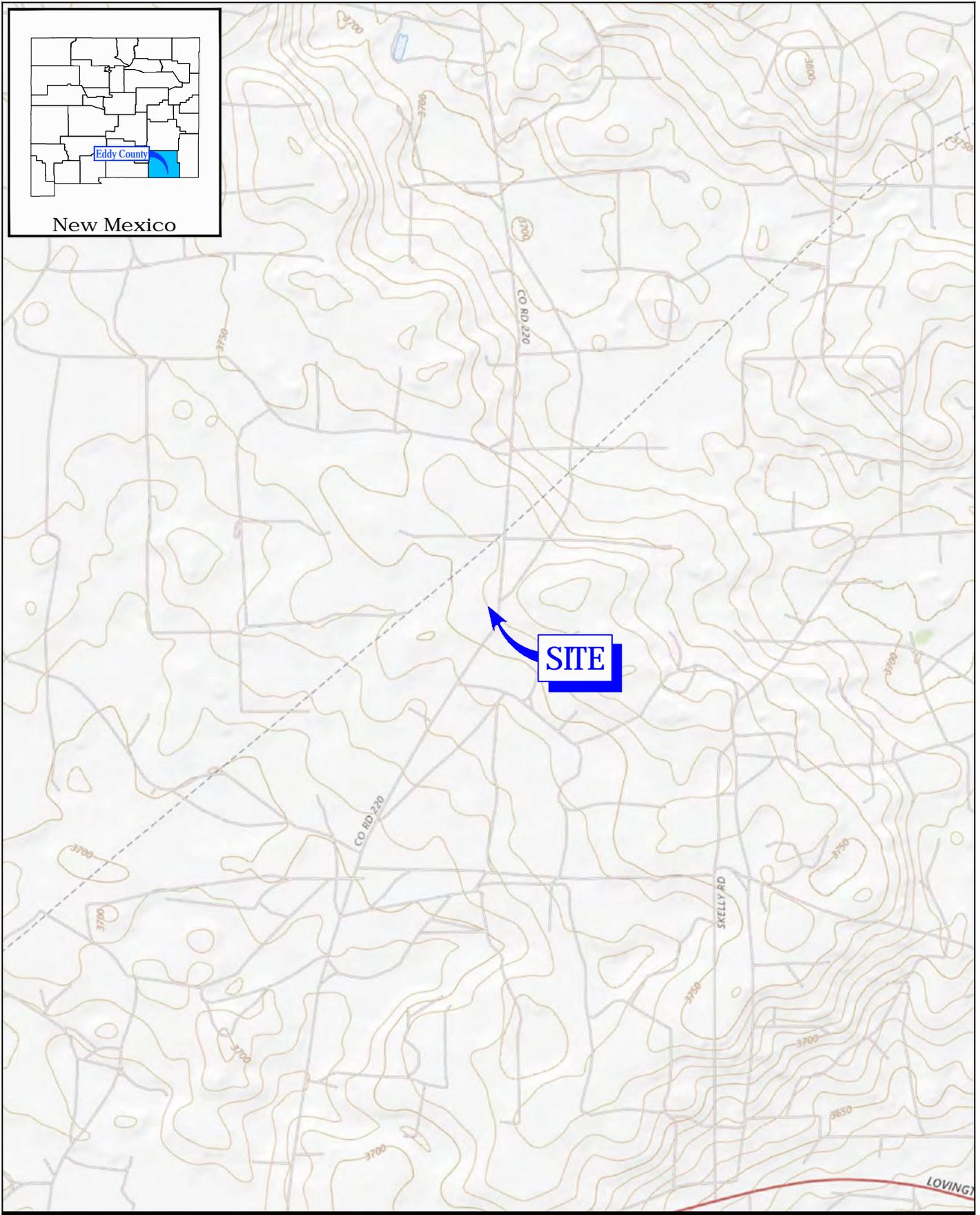
Zach Comino  
Field Geologist

BH/zc/1

- Encl. Figure 1 – Site Location Map  
Figure 2 – Initial Site Assessment: Analytical Results Map  
Figure 3 – Confirmation Sampling: Soil Analytical Results Map  
Table 1 – Summary of Soil Analytical Data  
Attachment A – Site Characterization Documentation  
Attachment B – Photographic Log  
Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation  
Attachment D – Approved Form C-138 and Disposal Manifests

cc: Chase Settle

# Figures

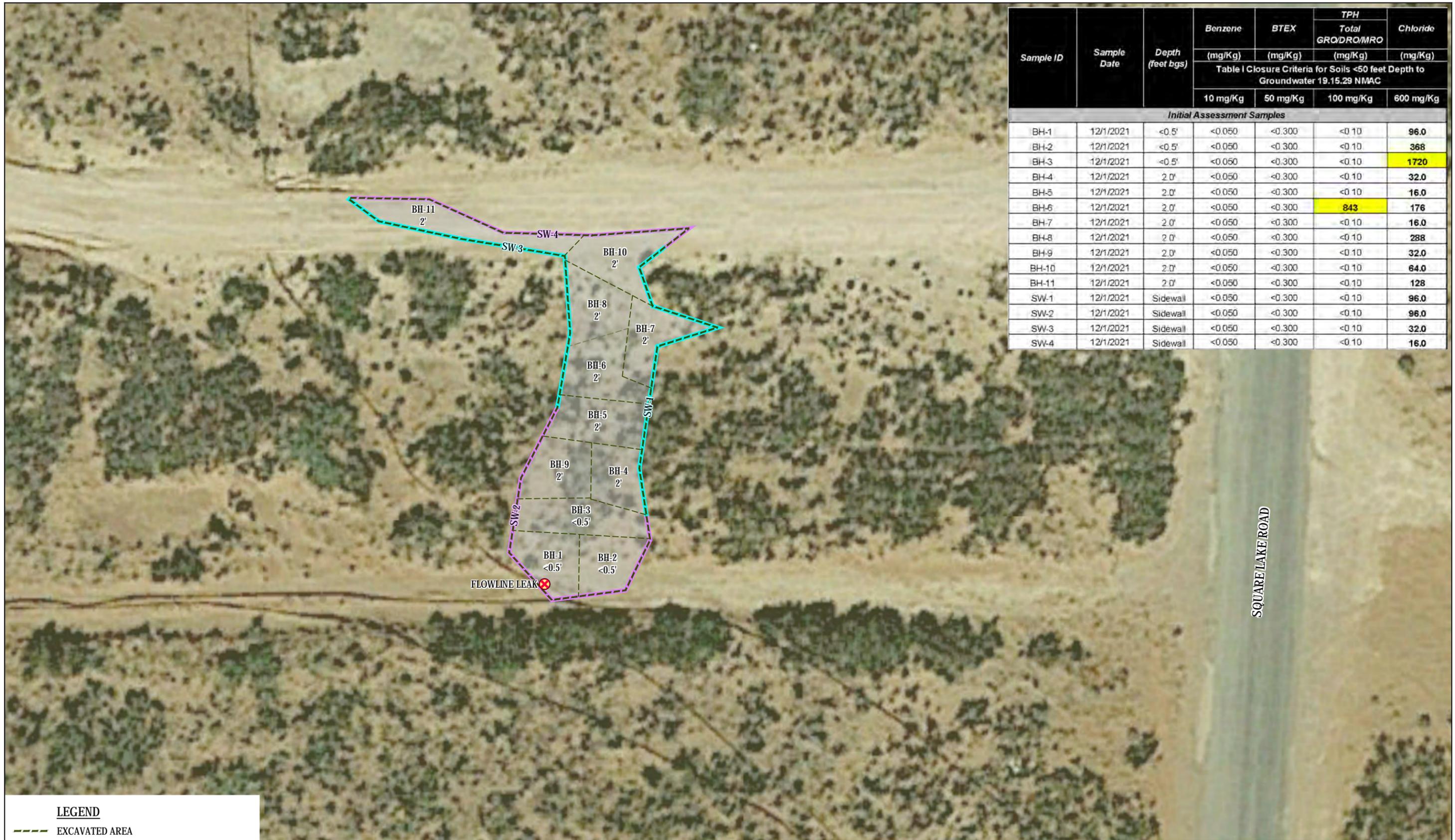


EOG RESOURCES  
EDDY COUNTY, NEW MEXICO  
GISSLER B 3-2 BATTERY  
PRODUCED TRANSFER LINE

Project No. 12573596  
Date February 2022

SITE LOCATION MAP

FIGURE 1

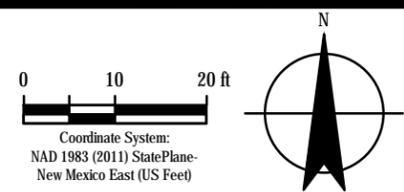


Sample ID	Sample Date	Depth (feet bgs)	Benzene	BTEX	TPH	Chloride
			(mg/Kg)	(mg/Kg)	Total GRO/DRO/MRO	
			(mg/Kg)	(mg/Kg)	(mg/Kg)	
Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC						
			10 mg/Kg	50 mg/Kg	100 mg/Kg	600 mg/Kg
Initial Assessment Samples						
BH-1	12/1/2021	<0.5'	<0.050	<0.300	<0.10	<b>96.0</b>
BH-2	12/1/2021	<0.5'	<0.050	<0.300	<0.10	<b>368</b>
BH-3	12/1/2021	<0.5'	<0.050	<0.300	<0.10	<b>1720</b>
BH-4	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>32.0</b>
BH-5	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>16.0</b>
BH-6	12/1/2021	2.0'	<0.050	<0.300	<b>843</b>	<b>176</b>
BH-7	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>16.0</b>
BH-8	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>288</b>
BH-9	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>32.0</b>
BH-10	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>64.0</b>
BH-11	12/1/2021	2.0'	<0.050	<0.300	<0.10	<b>128</b>
SW-1	12/1/2021	Sidewall	<0.050	<0.300	<0.10	<b>96.0</b>
SW-2	12/1/2021	Sidewall	<0.050	<0.300	<0.10	<b>96.0</b>
SW-3	12/1/2021	Sidewall	<0.050	<0.300	<0.10	<b>32.0</b>
SW-4	12/1/2021	Sidewall	<0.050	<0.300	<0.10	<b>16.0</b>

**LEGEND**

- EXCAVATED AREA
- Depth DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE

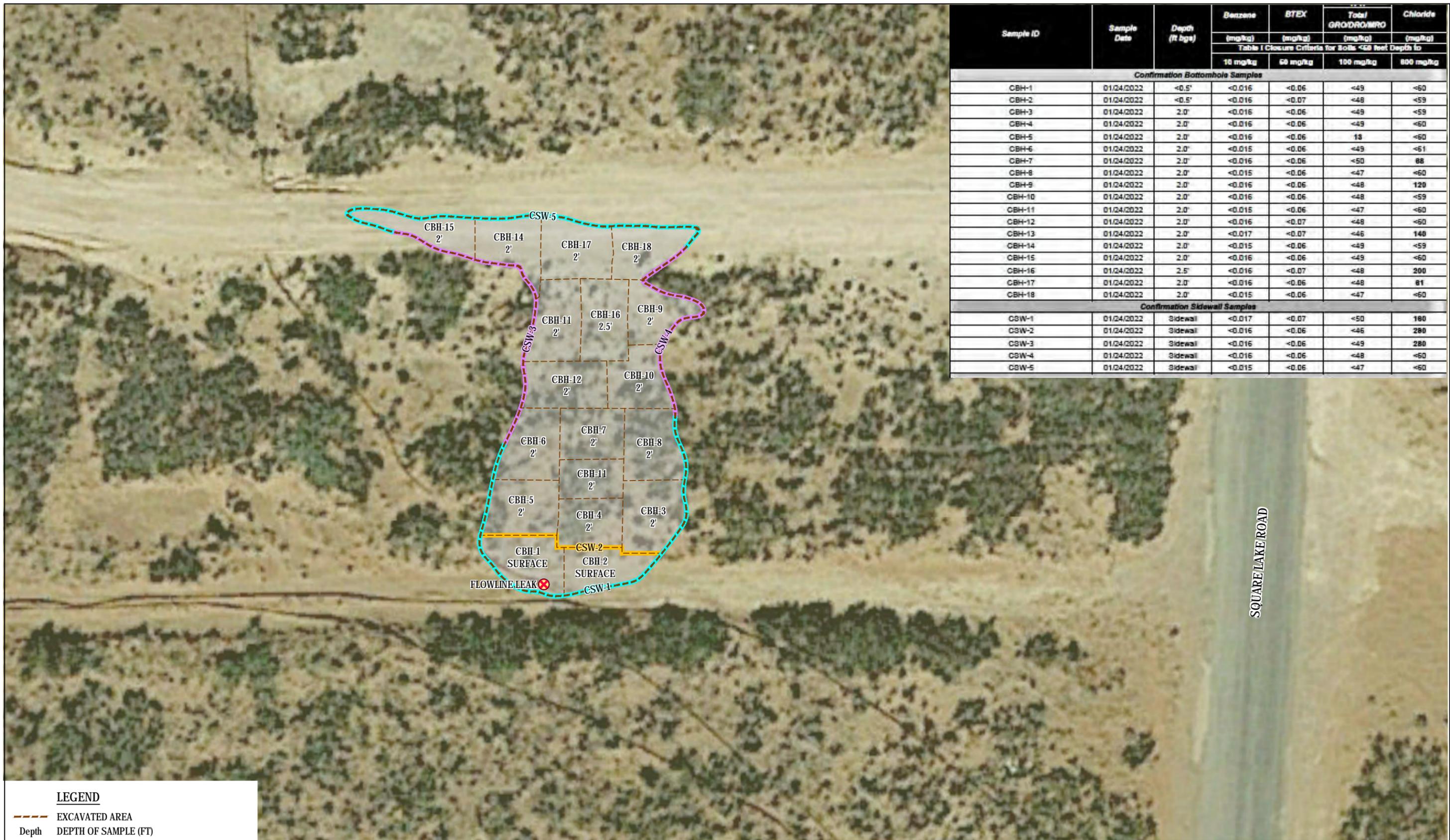
- NOTES:**
1. SAMPLE RESULTS ARE IN MILLIGRAMS PER KILOGRAM (MG/KG).
  2. BOLD INDICATES ANALYTE DETECTED.
  3. SEE TABLE 1 FOR COMPREHENSIVE ANALYTICAL RESULTS.
  4. YELLOW SHADED CELLS INDICATE EXCEEDANCE.
  5. AREA EXCAVATED TO A DEPTH OF 0.5 FT BGS, SAMPLES COLLECTED AT DEPTHS SHOWN VIA HAND AUGER.



EOG RESOURCES  
 EDDY COUNTY, NEW MEXICO  
 GISSLER B 3-2 BATTERY  
 PRODUCED TRANSFER LINE  
**Initial Site Assessment:  
 Analytical Results Map**

Project No. 12573596  
 Date February 2022

**FIGURE 2**



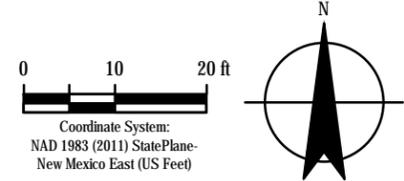
Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total GRODROMRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <60 feet Depth to			
			10 mg/kg	50 mg/kg	100 mg/kg	800 mg/kg
Confirmation Bottomhole Samples						
CBH-1	01/24/2022	<0.5'	<0.016	<0.06	<49	<50
CBH-2	01/24/2022	<0.5'	<0.016	<0.07	<48	<59
CBH-3	01/24/2022	2.0'	<0.016	<0.06	<49	<59
CBH-4	01/24/2022	2.0'	<0.016	<0.06	<49	<50
CBH-5	01/24/2022	2.0'	<0.016	<0.06	18	<50
CBH-6	01/24/2022	2.0'	<0.015	<0.06	<49	<51
CBH-7	01/24/2022	2.0'	<0.016	<0.06	<50	88
CBH-8	01/24/2022	2.0'	<0.015	<0.06	<47	<50
CBH-9	01/24/2022	2.0'	<0.016	<0.06	<48	120
CBH-10	01/24/2022	2.0'	<0.016	<0.06	<48	<59
CBH-11	01/24/2022	2.0'	<0.015	<0.06	<47	<50
CBH-12	01/24/2022	2.0'	<0.016	<0.07	<48	<50
CBH-13	01/24/2022	2.0'	<0.017	<0.07	<46	140
CBH-14	01/24/2022	2.0'	<0.015	<0.06	<49	<59
CBH-15	01/24/2022	2.0'	<0.016	<0.06	<49	<50
CBH-16	01/24/2022	2.5'	<0.016	<0.07	<48	200
CBH-17	01/24/2022	2.0'	<0.016	<0.06	<48	81
CBH-18	01/24/2022	2.0'	<0.015	<0.06	<47	<50
Confirmation Sidewall Samples						
CSW-1	01/24/2022	Sidewall	<0.017	<0.07	<50	180
CSW-2	01/24/2022	Sidewall	<0.016	<0.06	<46	280
CSW-3	01/24/2022	Sidewall	<0.016	<0.06	<49	280
CSW-4	01/24/2022	Sidewall	<0.016	<0.06	<48	<50
CSW-5	01/24/2022	Sidewall	<0.015	<0.06	<47	<50

**LEGEND**

- EXCAVATED AREA
- Depth DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE

**NOTES:**

- SAMPLE RESULTS ARE IN MILLIGRAMS PER KILOGRAM (MG/KG).
- BOLD INDICATES ANALYTE DETECTED.
- SEE TABLE 1 FOR COMPREHENSIVE ANALYTICAL RESULTS.
- DEPTHS SHOWN REPRESENT DEPTH OF EXCAVATION WITHIN AREA AND DEPTHS OF BOTTOM HOLE SAMPLES COLLECTED.



EOG RESOURCES  
 EDDY COUNTY, NEW MEXICO  
 GISSLER B 3-2 BATTERY  
 PRODUCED TRANSFER LINE  
**Confirmation Sampling: Soil Analytical Results Map**

Project No. 12573596  
 Date February 2022

**FIGURE 3**

# Tables

**Table 1**  
**Summary of Soil Analytical Data**  
**Gissler B 3-2 Battery Produced Water Transfer Line**  
**EOG Resources**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
<b>Initial Assessment Samples</b>												
BH-1	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>96.0</b>
BH-2	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>368</b>
BH-3	12/1/2021	<0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>1720</b>
BH-4	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>32.0</b>
BH-5	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>16.0</b>
BH-6	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>480</b>	<b>363</b>	<b>843</b>	<b>176</b>
BH-7	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>16.0</b>
BH-8	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>288</b>
BH-9	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>32.0</b>
BH-10	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>64.0</b>
BH-11	12/1/2021	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>128</b>
SW-1	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>96.0</b>
SW-2	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>96.0</b>
SW-3	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>32.0</b>
SW-4	12/1/2021	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<0.10	<0.10	<b>16.0</b>

**Table 1**  
**Summary of Soil Analytical Data**  
**Gissler B 3-2 Battery Produced Water Transfer Line**  
**EOG Resources**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
<b>Confirmation Bottomhole Samples</b>												
CBH-1	01/24/2022	<0.5'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.7	<49	<49	<60
CBH-2	01/24/2022	<0.5'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.6	<48	<48	<59
CBH-3	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.064	<0.06	<3.2	<9.9	<49	<49	<59
CBH-4	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.8	<49	<49	<60
CBH-5	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<b>13</b>	<49	<b>13</b>	<60
CBH-6	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.061	<0.06	<3.1	<9.8	<49	<49	<61
CBH-7	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<9.9	<50	<50	<b>68</b>
CBH-8	01/24/2022	2.0'	<0.015	<0.030	<0.030	<0.061	<0.06	<3.0	<9.5	<47	<47	<60
CBH-9	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.5	<48	<48	<b>120</b>
CBH-10	01/24/2022	2.0'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<9.6	<48	<48	<59
CBH-11	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.062	<0.06	<3.1	<9.4	<47	<47	<60
CBH-12	01/24/2022	2.0'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.7	<48	<48	<60
CBH-13	01/24/2022	2.0'	<0.017	<0.034	<0.034	<0.068	<0.07	<3.4	<9.2	<46	<46	<b>140</b>
CBH-14	01/24/2022	2.0'	<0.015	<0.030	<0.030	<0.060	<0.06	<3.0	<9.9	<49	<49	<59
CBH-15	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.9	<49	<49	<60
CBH-16	01/24/2022	2.5'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.5	<48	<48	<b>200</b>
CBH-17	01/24/2022	2.0'	<0.016	<0.032	<0.032	<0.064	<0.06	<3.2	<9.6	<48	<48	<b>61</b>
CBH-18	01/24/2022	2.0'	<0.015	<0.031	<0.031	<0.061	<0.06	<3.1	<9.4	<47	<47	<60
<b>Confirmation Sidewall Samples</b>												
CSW-1	01/24/2022	Sidewall	<0.017	<0.034	<0.034	<0.067	<0.07	<3.4	<9.9	<50	<50	<b>160</b>
CSW-2	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.3	<46	<46	<b>290</b>
CSW-3	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.8	<49	<49	<b>280</b>
CSW-4	01/24/2022	Sidewall	<0.016	<0.032	<0.032	<0.065	<0.06	<3.2	<9.6	<48	<48	<60
CSW-5	01/24/2022	Sidewall	<0.015	<0.030	<0.030	<0.060	<0.06	<3.0	<9.5	<47	<47	<60

- Notes:
1. Values reported in mg/kg
  2. < = Value Less than Reporting Limit (RL)
  3. Bold Indicates Analyte Detected
  4. BTEX analyses by EPA Method SW 8021B
  5. ft bgs = feet below ground surface
  6. TPH analyses by EPA Method SW 8015 Mod.
  7. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
  8. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 - Table I Closure Criteria for Soils Impacted by a Release.
  9. J - Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value.

# Attachment A Site Characterization Documentation



# BORING LOG

Project No.: 700438.240.01

Weather: Clear, Temp.: 80°F

Driller: D. Londagin

Site Name: Gissler B #59

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/20/2021

Latitude: 32.848420 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -103.931751 W

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	<input type="checkbox"/>	0-20'				Red/Brown fine Sand (SP)	None Slight Mod. Strong	
	<input type="checkbox"/>	20-30'				Light red/tan fine Sand (SP) and caliche	None Slight Mod. Strong	
	<input type="checkbox"/>	30-105'				Red/brown fine Sand (SP)	None Slight Mod. Strong	
	<input type="checkbox"/>					__ TD 105' __	None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	

Surface Elevation: \_\_\_\_\_

Notes: Groundwater Not Encountered at 105-feet BGS-72 hr.

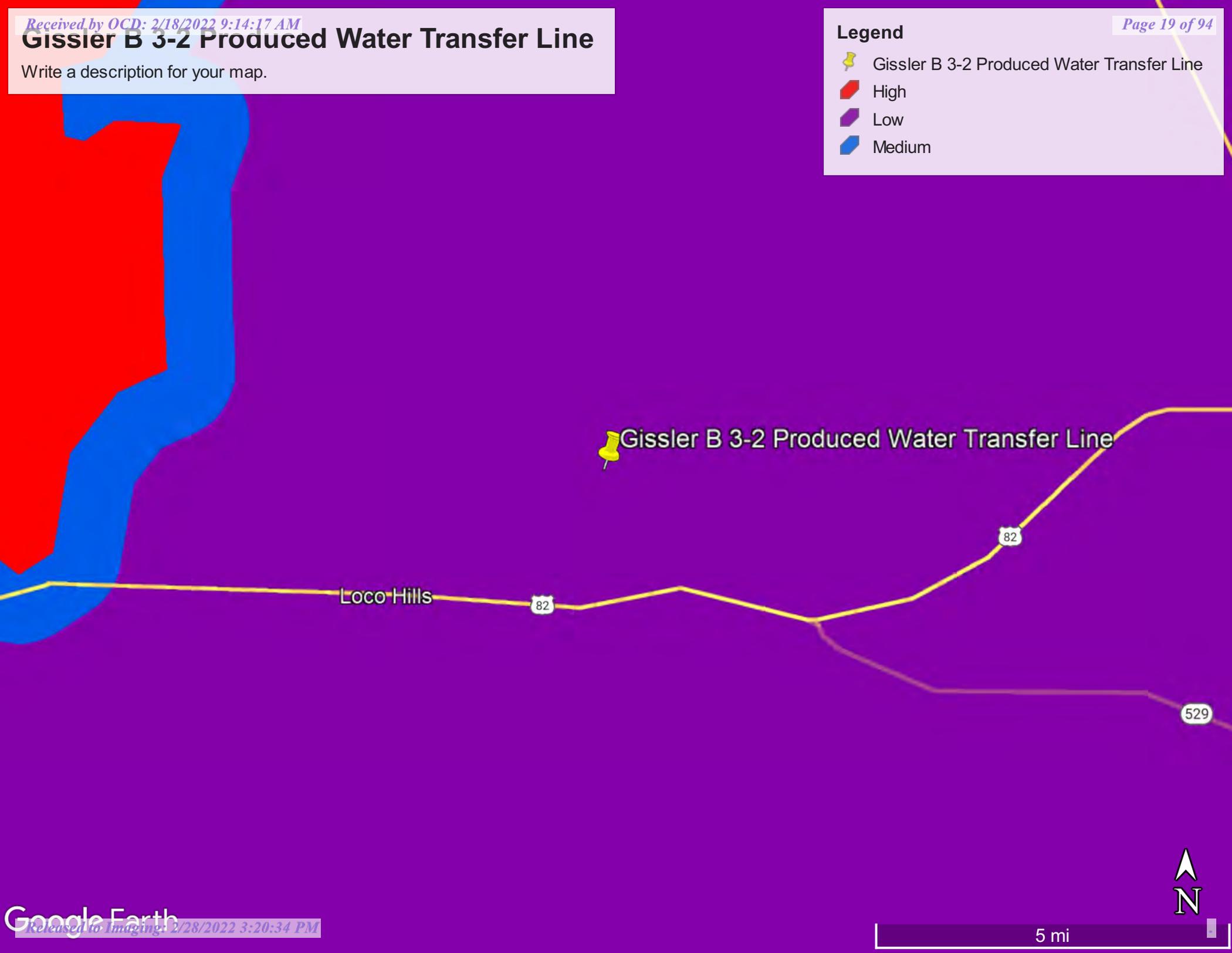
Logger Initials: DJA

# Gissler B 3-2 Produced Water Transfer Line

Write a description for your map.

## Legend

-  Gissler B 3-2 Produced Water Transfer Line
-  High
-  Low
-  Medium

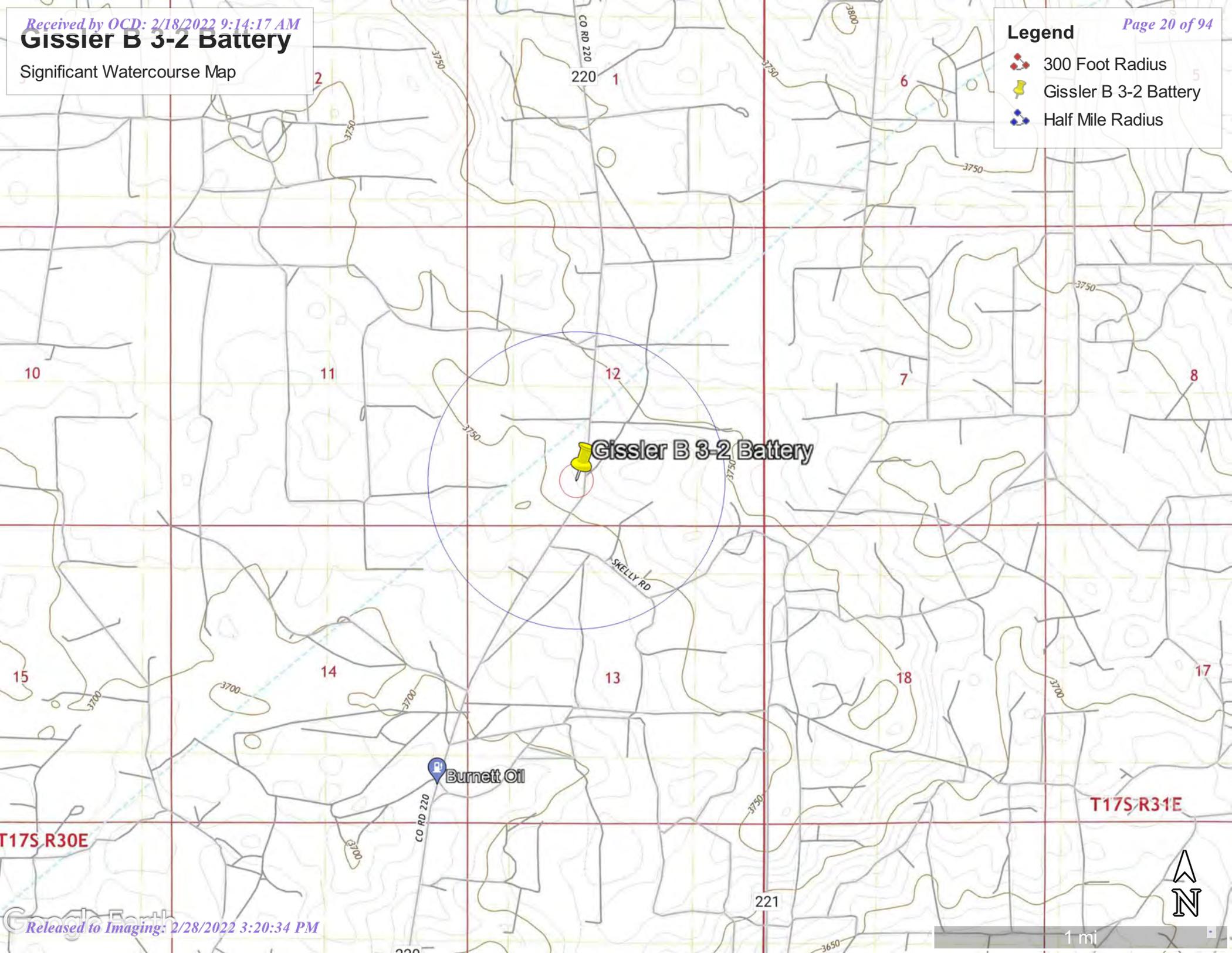


# Gissler B 3-2 Battery

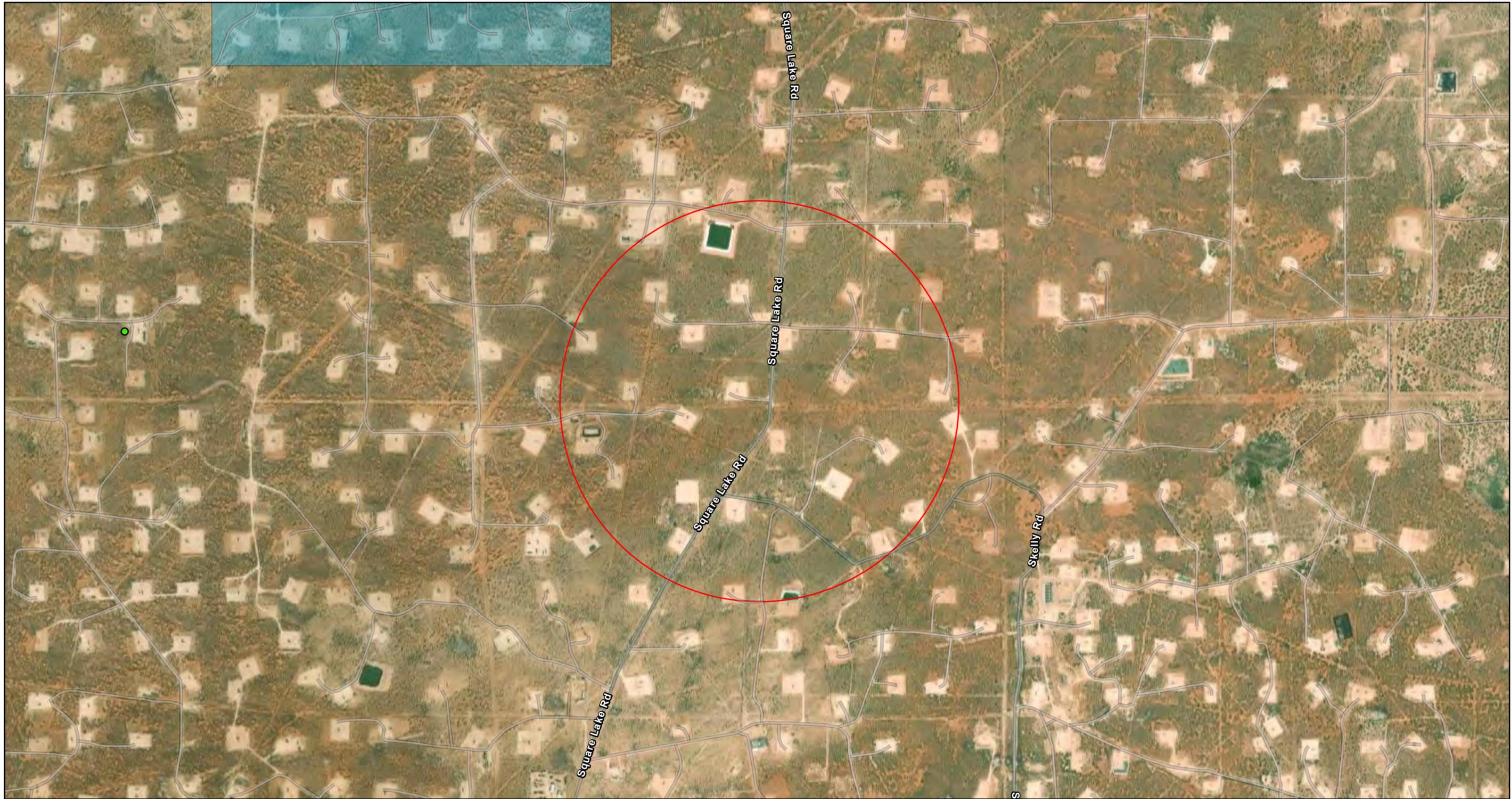
Significant Watercourse Map

**Legend**

-  300 Foot Radius
-  Gissler B 3-2 Battery
-  Half Mile Radius



# Gissler B 3-2 Battery Produced Water Transfer Line



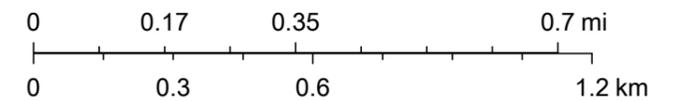
1/31/2022, 2:49:53 PM

GIS WATERS PODs

New Mexico State Trust Lands

- Pending
- OSE District Boundary
- Both Estates
- SiteBoundaries

1:18,056



U.S. Department of Energy Office of Legacy Management, Esri  
 Community Maps Contributors, New Mexico State University, Texas  
 Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, INCREMENT P,  
 METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

# National Flood Hazard Layer FIRMette



103°55'58"W 32°50'53"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
    - Without Base Flood Elevation (BFE) Zone A, V, A99
    - With BFE or Depth Zone AE, AO, AH, VE, AR
    - Regulatory Floodway
  - OTHER AREAS OF FLOOD HAZARD**
    - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
    - Future Conditions 1% Annual Chance Flood Hazard Zone X
    - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
    - Area with Flood Risk due to Levee Zone D
  - OTHER AREAS**
    - NO SCREEN Area of Minimal Flood Hazard Zone X
    - Effective LOMRs
    - Area of Undetermined Flood Hazard Zone D
  - GENERAL STRUCTURES**
    - Channel, Culvert, or Storm Sewer
    - Levee, Dike, or Floodwall
  - OTHER FEATURES**
    - Cross Sections with 1% Annual Chance Water Surface Elevation
    - Coastal Transect
    - Base Flood Elevation Line (BFE)
    - Limit of Study
    - Jurisdiction Boundary
    - Coastal Transect Baseline
    - Profile Baseline
    - Hydrographic Feature
  - MAP PANELS**
    - Digital Data Available
    - No Digital Data Available
    - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



**U.S. Fish and Wildlife Service**  
**National Wetlands Inventory**

# Gissler B 3-2



January 31, 2022

**Wetlands**

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Attachment B Photographic Log

View of Excavation Facing Southeast (01/24/22)



View of Excavation Facing Southeast (01/24/22)



**Site Photograph**  
**EOG Gissler 3-2 Battery Produced**  
**Water Transfer Line Release Site.**

GHD | Report for EOG | 12573596

View of Excavation Facing South (01/24/22)



View of Backfilled Excavation Facing Northeast (01/27/22)



**Site Photograph**  
**EOG Gissler 3-2 Battery Produced**  
**Water Transfer Line Release Site.**

GHD | Report for EOG | 12573596

View of Backfilled Excavation Facing Northeast (01/27/22)



View of Backfilled Excavation Facing East (01/27/22)



**Site Photograph**  
**EOG Gissler 3-2 Battery Produced**  
**Water Transfer Line Release Site.**

GHD | Report for EOG | 12573596

View of Excavation During Re-Seeding Facing Southwest (02/03/22)



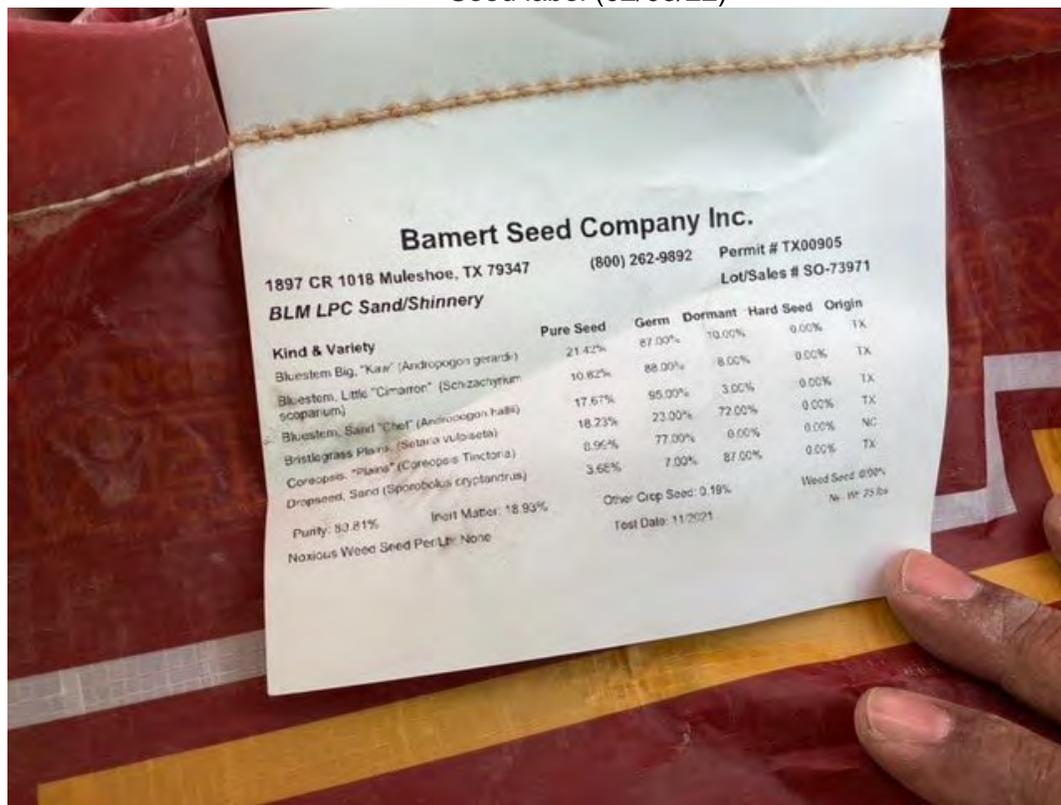
View of Re-Seeding Technique (02/03/22)



**Site Photograph**  
**EOG Gissler 3-2 Battery Produced**  
**Water Transfer Line Release Site.**

GHD | Report for EOG | 12573596

Seed label (02/03/22)



View of Berm Installed to Block Off Two-Track Trespass Road (02/03/22)



**Site Photograph**  
**EOG Gissler 3-2 Battery Produced**  
**Water Transfer Line Release Site.**

GHD | Report for EOG | 12573596

# Attachment C Laboratory Analytical Reports and Chain-of- Custody Documentation



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

December 01, 2021

BECKY HASKELL

GHD SERVICES, INC.

6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE, NM 87110

RE: EOG - GISSLER 3-2 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 1 (H213427-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 96.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 2 (H213427-02)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.2 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 3 (H213427-03)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 4 (H213427-04)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 94.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 5 (H213427-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 6 (H213427-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>176</b>	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
<b>DRO &gt;C10-C28*</b>	<b>480</b>	10.0	12/01/2021	ND	224	112	200	13.4		
<b>EXT DRO &gt;C28-C36</b>	<b>363</b>	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 136 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 7 (H213427-07)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 8 (H213427-08)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 9 (H213427-09)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25		
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 10 (H213427-10)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: BH - 11 (H213427-11)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: SW - 1 (H213427-12)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: SW - 2 (H213427-13)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: SW - 3 (H213427-14)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

GHD SERVICES, INC.  
 BECKY HASKELL  
 6121 INDIAN SCHOOL RD, NE STE. 200  
 ALBUQUERQUE NM, 87110  
 Fax To:

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/01/2021	Sampling Type:	Soil
Project Name:	EOG - GISSLER 3-2 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	12569834	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LOCO HILLS		

**Sample ID: SW - 4 (H213427-15)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.6 % 38.9-142

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>GH D</b> Project Manager: <b>Betsy Haskell / Tom Larson</b> Address: <b>524 Wilson Street Suite 100</b> City: <b>Artesia</b> State: <b>NM</b> zip: <b>88210</b> Phone #: <b>(505) 577-4218</b> Fax #: _____ Project #: <b>12569834</b> Project Owner: <b>Betsy Haskell</b> Project Name: <b>Sisler 3-2 Fluorine</b> Project Location: <b>Loop Mills</b> Sampler Name: <b>Zeal Covada</b>		P.O. #: _____ Company: <b>EOG</b> Attn: <b>Chase Settle</b> Address: _____ City: <b>Artesia</b> State: <b>NM</b> zip: <b>88210</b> Phone #: <b>(575) 748-1471</b> Fax #: _____	
Lab I.D. <b>H213427</b> Sample I.D. _____		<b>BILL TO</b>	
FOR LAB USE ONLY (G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ CE / COOL _____ OTHER: _____ PRESERV. _____ SAMPLING DATE _____ TIME _____		ANALYSIS REQUEST Chloride Method <b>450</b> TPH by 8015 MOD (GRO, DRO, MRO) BTEX 8021 B	
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Relinquished By: <b>Zeal Covada</b> Date: <b>1/20/21</b> Time: _____		Received By: <b>Chase Settle</b> Date: <b>1/20/21</b> Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <b>13.1</b> Corrected Temp. °C <b>12.4</b>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked BY: <b>CS</b> (Initials)	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <b>Chase Settle EOG resources.com</b> <b>Chase Settle EOG resources.com</b> <b>Chase Settle EOG resources.com</b> Turnaround Time: _____ Thermometer ID #113 _____ Correction Factor -0.5°C _____ Standard <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____		Add'l Phone #: _____ Email address: _____ Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____	



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**Company Name:** GHD  
**Project Manager:** Betsy Haskell / Tom Larson  
**Address:** 324 W Main St Suite 108  
**City:** Artesia  
**State:** NM zip: 88210  
**Phone #:** (505) 577-4218 Fax #: \_\_\_\_\_  
**Project #:** 12569834 **Project Owner:** Betsy Haskell  
**Project Name:** Gopher 3-2 Fertilizer  
**Project Location:** Gopher Hills  
**Sampler Name:** Zach Levine

**FOR LAB USE ONLY**

**P.O. #:** \_\_\_\_\_  
**Company:** EQ  
**Attn:** Chase Settle  
**Address:** \_\_\_\_\_  
**City:** Artesia  
**State:** NM Zip: 88210  
**Phone #:** \_\_\_\_\_  
**Fax #:** \_\_\_\_\_

**BILL TO**

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	MSDS	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE			
H213427	<del>11</del> BI-11	C	1											0850	0855	Chloride Method
	12 SW-1													0900	0905	BTEX 8021 B
	13 SW-2													0910	0910	TPH by 8015 Method (GRO, DRO, MRO)
	14 SW-3															
	15 SW-4															

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**Relinquished By:** Zach Levine  
**Date:** 12/12/2021  
**Time:** 1:30  
**Received By:** Pamela W. [Signature]  
**Date:** 1/30  
**Time:** \_\_\_\_\_

**Verbal Result:**  Yes  No **Add'l Phone #:** \_\_\_\_\_  
**All Results are emailed. Please provide Email address:** \_\_\_\_\_  
**REMARKS:** Betsy Haskell @ GHD scan / Zach Levine @ GHD scan  
 Chase - Settle @ EQ resources.com  
 Please put samples to lab from field.

**Delivered By:** (Circle One)  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
**Observed Temp. °C:** 13.1  
**Corrected Temp. °C:** 12.6  
**Sample Condition:** Cool Intact  Yes  No  
**CHECKED BY:** (Initials) [Signature]

**Thermometer ID #113**  
**Turnaround Time:** \_\_\_\_\_  
**Correction Factor -0.5°C**  
**Bacteria (only) Sample Condition:** Cool Intact  Yes  No  
**Observed Temp. °C:** \_\_\_\_\_  
**Corrected Temp. °C:** \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

January 28, 2022

Becky Haskell  
GHD Midland  
2135 S Loop 250 W  
Midland, TX 79703  
TEL: (432) 686-0086  
FAX:

RE: Gissler 3 2 Battery Tranfer Line

OrderNo.: 2201975

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 23 sample(s) on 1/26/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-1

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 9:35:00 AM

**Lab ID:** 2201975-001

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 12:47:51 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	1/26/2022 11:08:34 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:08:34 AM	65206
Surr: DNOP	95.7	51.1-141		%Rec	1	1/26/2022 11:08:34 AM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 9:16:51 AM	A85426
Surr: BFB	97.2	70-130		%Rec	1	1/26/2022 9:16:51 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 9:16:51 AM	B85426
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	1/26/2022 9:16:51 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-2

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 9:40:00 AM

**Lab ID:** 2201975-002

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	1/26/2022 1:00:12 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 11:19:04 AM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 11:19:04 AM	65206
Surr: DNOP	92.5	51.1-141		%Rec	1	1/26/2022 11:19:04 AM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 9:40:20 AM	A85426
Surr: BFB	94.8	70-130		%Rec	1	1/26/2022 9:40:20 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Toluene	ND	0.033		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 9:40:20 AM	B85426
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	1/26/2022 9:40:20 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-3

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 9:45:00 AM

**Lab ID:** 2201975-003

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	1/26/2022 1:12:32 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 11:29:31 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:29:31 AM	65206
Surr: DNOP	91.3	51.1-141		%Rec	1	1/26/2022 11:29:31 AM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:03:48 AM	A85426
Surr: BFB	95.3	70-130		%Rec	1	1/26/2022 10:03:48 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Xylenes, Total	ND	0.064		mg/Kg	1	1/26/2022 10:03:48 AM	B85426
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	1/26/2022 10:03:48 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-4

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 9:50:00 AM

**Lab ID:** 2201975-004

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 1:24:52 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 11:39:59 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:39:59 AM	65206
Surr: DNOP	96.5	51.1-141		%Rec	1	1/26/2022 11:39:59 AM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:27:16 AM	A85426
Surr: BFB	96.8	70-130		%Rec	1	1/26/2022 10:27:16 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 10:27:16 AM	B85426
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	1/26/2022 10:27:16 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-5

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 9:55:00 AM

**Lab ID:** 2201975-005

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 2:01:54 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	1/26/2022 11:50:29 AM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 11:50:29 AM	65206
Surr: DNOP	92.7	51.1-141		%Rec	1	1/26/2022 11:50:29 AM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 10:50:42 AM	A85426
Surr: BFB	97.8	70-130		%Rec	1	1/26/2022 10:50:42 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 10:50:42 AM	B85426
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	1/26/2022 10:50:42 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order 2201975

Date Reported: 1/28/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-6

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:00:00 AM

**Lab ID:** 2201975-006

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	61		mg/Kg	20	1/26/2022 2:14:15 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 12:01:00 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 12:01:00 PM	65206
Surr: DNOP	99.4	51.1-141		%Rec	1	1/26/2022 12:01:00 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 11:14:08 AM	A85426
Surr: BFB	96.7	70-130		%Rec	1	1/26/2022 11:14:08 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 11:14:08 AM	B85426
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	1/26/2022 11:14:08 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-7

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:05:00 AM

**Lab ID:** 2201975-007

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	68	60		mg/Kg	20	1/26/2022 2:26:35 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 12:11:31 PM	65206
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/26/2022 12:11:31 PM	65206
Surr: DNOP	91.5	51.1-141		%Rec	1	1/26/2022 12:11:31 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 11:37:44 AM	A85426
Surr: BFB	94.5	70-130		%Rec	1	1/26/2022 11:37:44 AM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 11:37:44 AM	B85426
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	1/26/2022 11:37:44 AM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Estimated value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix interference	

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-8

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:10:00 AM

**Lab ID:** 2201975-008

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 2:38:56 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 1:46:45 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 1:46:45 PM	65206
Surr: DNOP	94.2	51.1-141		%Rec	1	1/26/2022 1:46:45 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 12:01:15 PM	A85426
Surr: BFB	94.3	70-130		%Rec	1	1/26/2022 12:01:15 PM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Toluene	ND	0.030		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 12:01:15 PM	B85426
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	1/26/2022 12:01:15 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-9

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:15:00 AM

**Lab ID:** 2201975-009

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	120	60		mg/Kg	20	1/26/2022 2:51:17 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 12:22:02 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:22:02 PM	65206
Surr: DNOP	95.4	51.1-141		%Rec	1	1/26/2022 12:22:02 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 1:10:47 PM	A85426
Surr: BFB	101	70-130		%Rec	1	1/26/2022 1:10:47 PM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Toluene	ND	0.032		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 1:10:47 PM	B85426
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	1/26/2022 1:10:47 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-10

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:20:00 AM

**Lab ID:** 2201975-010

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	1/26/2022 3:03:39 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 12:32:35 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:32:35 PM	65206
Surr: DNOP	92.9	51.1-141		%Rec	1	1/26/2022 12:32:35 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 1:34:22 PM	A85426
Surr: BFB	98.7	70-130		%Rec	1	1/26/2022 1:34:22 PM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 1:34:22 PM	B85426
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	1/26/2022 1:34:22 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-11

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:25:00 AM

**Lab ID:** 2201975-011

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 3:15:59 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	1/26/2022 12:43:09 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 12:43:09 PM	65206
Surr: DNOP	88.9	51.1-141		%Rec	1	1/26/2022 12:43:09 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 2:21:36 PM	A85426
Surr: BFB	101	70-130		%Rec	1	1/26/2022 2:21:36 PM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Toluene	ND	0.031		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Xylenes, Total	ND	0.062		mg/Kg	1	1/26/2022 2:21:36 PM	B85426
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	1/26/2022 2:21:36 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-12

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:30:00 AM

**Lab ID:** 2201975-012

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 3:28:20 PM	65215
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	1/26/2022 12:53:43 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:53:43 PM	65206
Surr: DNOP	95.5	51.1-141		%Rec	1	1/26/2022 12:53:43 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 2:45:05 PM	A85426
Surr: BFB	104	70-130		%Rec	1	1/26/2022 2:45:05 PM	A85426
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Toluene	ND	0.033		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 2:45:05 PM	B85426
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	1/26/2022 2:45:05 PM	B85426

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-13

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:35:00 AM

**Lab ID:** 2201975-013

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	140	61		mg/Kg	20	1/26/2022 11:51:40 AM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/26/2022 1:04:17 PM	65206
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/26/2022 1:04:17 PM	65206
Surr: DNOP	94.7	51.1-141		%Rec	1	1/26/2022 1:04:17 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Surr: BFB	86.0	70-130		%Rec	1	1/26/2022 9:13:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.017		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Toluene	ND	0.034		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Ethylbenzene	ND	0.034		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Xylenes, Total	ND	0.068		mg/Kg	1	1/26/2022 9:13:00 AM	65199
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	1/26/2022 9:13:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-14

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:40:00 AM

**Lab ID:** 2201975-014

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	1/26/2022 12:04:00 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 1:14:52 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 1:14:52 PM	65206
Surr: DNOP	97.9	51.1-141		%Rec	1	1/26/2022 1:14:52 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Surr: BFB	85.5	70-130		%Rec	1	1/26/2022 9:32:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Toluene	ND	0.030		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Xylenes, Total	ND	0.060		mg/Kg	1	1/26/2022 9:32:00 AM	65199
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	1/26/2022 9:32:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-15

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:45:00 AM

**Lab ID:** 2201975-015

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 12:51:11 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 1:25:29 PM	65206
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 1:25:29 PM	65206
Surr: DNOP	96.1	51.1-141		%Rec	1	1/26/2022 1:25:29 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Surr: BFB	81.4	70-130		%Rec	1	1/26/2022 9:52:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 9:52:00 AM	65199
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	1/26/2022 9:52:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-16

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:50:00 AM

**Lab ID:** 2201975-016

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	200	59		mg/Kg	20	1/26/2022 1:03:37 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 1:57:24 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 1:57:24 PM	65206
Surr: DNOP	95.7	51.1-141		%Rec	1	1/26/2022 1:57:24 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Surr: BFB	82.7	70-130		%Rec	1	1/26/2022 10:12:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Toluene	ND	0.033		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Ethylbenzene	ND	0.033		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 10:12:00 AM	65199
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	1/26/2022 10:12:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-17

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 10:55:00 AM

**Lab ID:** 2201975-017

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	61	60		mg/Kg	20	1/26/2022 1:16:01 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 12:32:51 PM	65206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 12:32:51 PM	65206
Surr: DNOP	60.5	51.1-141		%Rec	1	1/26/2022 12:32:51 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Surr: BFB	82.7	70-130		%Rec	1	1/26/2022 10:31:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Xylenes, Total	ND	0.064		mg/Kg	1	1/26/2022 10:31:00 AM	65199
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	1/26/2022 10:31:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CBH-18

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 11:00:00 AM

**Lab ID:** 2201975-018

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 1:53:16 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	1/26/2022 1:36:06 PM	65206
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 1:36:06 PM	65206
Surr: DNOP	102	51.1-141		%Rec	1	1/26/2022 1:36:06 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Surr: BFB	83.1	70-130		%Rec	1	1/26/2022 10:51:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Toluene	ND	0.031		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Ethylbenzene	ND	0.031		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Xylenes, Total	ND	0.061		mg/Kg	1	1/26/2022 10:51:00 AM	65199
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	1/26/2022 10:51:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CSW-1

**Project:** Gissler 3 2 Battery Tranfer Line

**Collection Date:** 1/24/2022 11:30:00 AM

**Lab ID:** 2201975-019

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	160	60		mg/Kg	20	1/26/2022 2:05:41 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/26/2022 2:08:07 PM	65206
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/26/2022 2:08:07 PM	65206
Surr: DNOP	99.2	51.1-141		%Rec	1	1/26/2022 2:08:07 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Surr: BFB	86.4	70-130		%Rec	1	1/26/2022 11:10:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.017		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Toluene	ND	0.034		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Ethylbenzene	ND	0.034		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Xylenes, Total	ND	0.067		mg/Kg	1	1/26/2022 11:10:00 AM	65199
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	1/26/2022 11:10:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CSW-2

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 11:35:00 AM

**Lab ID:** 2201975-020

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	290	60		mg/Kg	20	1/26/2022 2:18:06 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	1/26/2022 1:21:08 PM	65206
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/26/2022 1:21:08 PM	65206
Surr: DNOP	75.0	51.1-141		%Rec	1	1/26/2022 1:21:08 PM	65206
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Surr: BFB	83.1	70-130		%Rec	1	1/26/2022 11:30:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Xylenes, Total	ND	0.063		mg/Kg	1	1/26/2022 11:30:00 AM	65199
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	1/26/2022 11:30:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CSW-3

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 11:50:00 AM

**Lab ID:** 2201975-021

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	280	60		mg/Kg	20	1/26/2022 2:30:30 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/26/2022 10:31:53 AM	65205
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/26/2022 10:31:53 AM	65205
Surr: DNOP	57.1	51.1-141		%Rec	1	1/26/2022 10:31:53 AM	65205
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Surr: BFB	83.0	70-130		%Rec	1	1/26/2022 11:49:00 AM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 11:49:00 AM	65199
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	1/26/2022 11:49:00 AM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CSW-4

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 11:55:00 AM

**Lab ID:** 2201975-022

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 2:42:54 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/26/2022 10:55:50 AM	65205
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/26/2022 10:55:50 AM	65205
Surr: DNOP	65.9	51.1-141		%Rec	1	1/26/2022 10:55:50 AM	65205
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Surr: BFB	84.0	70-130		%Rec	1	1/26/2022 12:09:00 PM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.016		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Toluene	ND	0.032		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Ethylbenzene	ND	0.032		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Xylenes, Total	ND	0.065		mg/Kg	1	1/26/2022 12:09:00 PM	65199
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	1/26/2022 12:09:00 PM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Analytical Report**

Lab Order **2201975**

Date Reported: **1/28/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** CSW-5

**Project:** Gissler 3 2 Battery Transfer Line

**Collection Date:** 1/24/2022 12:10:00 PM

**Lab ID:** 2201975-023

**Matrix:** MEOH (SOIL)

**Received Date:** 1/26/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	1/26/2022 2:55:18 PM	65216
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/26/2022 11:20:10 AM	65205
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/26/2022 11:20:10 AM	65205
Surr: DNOP	67.6	51.1-141		%Rec	1	1/26/2022 11:20:10 AM	65205
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Surr: BFB	85.4	70-130		%Rec	1	1/26/2022 12:48:00 PM	65199
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.015		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Toluene	ND	0.030		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Ethylbenzene	ND	0.030		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Xylenes, Total	ND	0.060		mg/Kg	1	1/26/2022 12:48:00 PM	65199
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	1/26/2022 12:48:00 PM	65199

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>MB-65216</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>65216</b>	RunNo: <b>85429</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006571</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-65216</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>65216</b>	RunNo: <b>85429</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006572</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: <b>MB-65215</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>65215</b>	RunNo: <b>85429</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006575</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-65215</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>65215</b>	RunNo: <b>85429</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006576</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Sample ID: <b>MB-65216</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>65216</b>	RunNo: <b>85428</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006678</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-65216</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>65216</b>	RunNo: <b>85428</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006680</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.5	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>LCS-65205</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>65205</b>		RunNo: <b>85408</b>							
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005450</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	129	68.9	135			
Surr: DNOP	5.1		5.000		102	51.1	141			

Sample ID: <b>LCS-65206</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>65206</b>		RunNo: <b>85408</b>							
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005451</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.7	68.9	135			
Surr: DNOP	4.6		5.000		92.0	51.1	141			

Sample ID: <b>MB-65205</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>65205</b>		RunNo: <b>85408</b>							
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005452</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	51.1	141			

Sample ID: <b>MB-65206</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>65206</b>		RunNo: <b>85408</b>							
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005453</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.9	51.1	141			

Sample ID: <b>2201975-001AMS</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>CBH-1</b>	Batch ID: <b>65206</b>		RunNo: <b>85409</b>							
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005975</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.2	46.21	7.827	61.3	39.3	155			
Surr: DNOP	2.7		4.621		58.2	51.1	141			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>2201975-021AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>CSW-3</b>	Batch ID: <b>65205</b>	RunNo: <b>85409</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3005979</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.6	47.85	0	80.3	39.3	155			
Surr: DNOP	2.0		4.785		42.7	51.1	141			S

Sample ID: <b>2201975-021AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>CSW-3</b>	Batch ID: <b>65205</b>	RunNo: <b>85409</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3005980</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.4	46.82	0	84.4	39.3	155	2.76	23.4	
Surr: DNOP	2.3		4.682		48.1	51.1	141	0	0	S

Sample ID: <b>2201975-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>CBH-1</b>	Batch ID: <b>65206</b>	RunNo: <b>85409</b>								
Prep Date: <b>1/26/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006147</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.4	46.82	7.827	69.3	39.3	155	10.8	23.4	
Surr: DNOP	3.0		4.682		63.4	51.1	141	0	0	

Sample ID: <b>LCS-65150</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>65150</b>	RunNo: <b>85408</b>								
Prep Date: <b>1/24/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006536</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		87.0	51.1	141			

Sample ID: <b>MB-65150</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>65150</b>	RunNo: <b>85408</b>								
Prep Date: <b>1/24/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006539</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		93.1	51.1	141			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Transfer Line

Sample ID: <b>mb-65199</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>65199</b>		RunNo: <b>85406</b>							
Prep Date: <b>1/25/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005196</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.8	70	130			

Sample ID: <b>lcs-65199</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>65199</b>		RunNo: <b>85406</b>							
Prep Date: <b>1/25/2022</b>	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3005197</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.2	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Sample ID: <b>mb</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>A85426</b>		RunNo: <b>85426</b>							
Prep Date:	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3006336</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		98.8	70	130			

Sample ID: <b>2.5ug gro lcs</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>A85426</b>		RunNo: <b>85426</b>							
Prep Date:	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3006337</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.9	78.6	131			
Surr: BFB	1100		1000		114	70	130			

Sample ID: <b>2201975-001ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>CBH-1</b>	Batch ID: <b>A85426</b>		RunNo: <b>85426</b>							
Prep Date:	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3006352</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.2	15.76	0	104	70	130			
Surr: BFB	710		630.5		112	70	130			

Sample ID: <b>2201975-001amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>CBH-1</b>	Batch ID: <b>A85426</b>		RunNo: <b>85426</b>							
Prep Date:	Analysis Date: <b>1/26/2022</b>		SeqNo: <b>3006353</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>2201975-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>CBH-1</b>	Batch ID: <b>A85426</b>	RunNo: <b>85426</b>								
Prep Date:	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006353</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.2	15.76	0	99.6	70	130	3.90	20	
Surr: BFB	740		630.5		118	70	130	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>mb-65199</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>65199</b>	RunNo: <b>85406</b>								
Prep Date: <b>1/25/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3005201</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

Sample ID: <b>lcs-65199</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>65199</b>	RunNo: <b>85406</b>								
Prep Date: <b>1/25/2022</b>	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3005202</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.6	70	130			

Sample ID: <b>mb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>B85426</b>	RunNo: <b>85426</b>								
Prep Date:	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006359</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	70	130			

Sample ID: <b>100ng btex lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>B85426</b>	RunNo: <b>85426</b>								
Prep Date:	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006360</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.5	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2201975

28-Jan-22

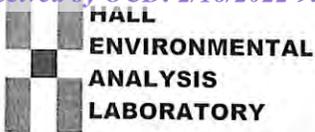
**Client:** GHD Midland  
**Project:** Gissler 3 2 Battery Tranfer Line

Sample ID: <b>2201975-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>CBH-2</b>	Batch ID: <b>B85426</b>	RunNo: <b>85426</b>								
Prep Date:	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006373</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.61	0.016	0.6519	0	93.4	80	120			
Toluene	0.62	0.033	0.6519	0	94.9	80	120			
Ethylbenzene	0.63	0.033	0.6519	0	96.3	80	120			
Xylenes, Total	1.9	0.065	1.956	0	97.5	80	120			
Surr: 4-Bromofluorobenzene	0.69		0.6519		105	70	130			

Sample ID: <b>2201975-002amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>CBH-2</b>	Batch ID: <b>B85426</b>	RunNo: <b>85426</b>								
Prep Date:	Analysis Date: <b>1/26/2022</b>	SeqNo: <b>3006374</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.58	0.016	0.6519	0	89.1	80	120	4.79	20	
Toluene	0.59	0.033	0.6519	0	91.1	80	120	4.10	20	
Ethylbenzene	0.60	0.033	0.6519	0	92.7	80	120	3.89	20	
Xylenes, Total	1.8	0.065	1.956	0	93.4	80	120	4.27	20	
Surr: 4-Bromofluorobenzene	0.68		0.6519		104	70	130	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland

Work Order Number: 2201975

RcptNo: 1

Received By: Tracy Casarrubias 1/26/2022 7:30:00 AM

Completed By: Desiree Dominguez 1/26/2022 7:59:45 AM

Reviewed By: KPA 1/26/22

Handwritten initials

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]
Checked by: JMC 1/26/22

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.5, Good, [ ], [ ], [ ], [ ]

# Chain-of-Custody Record

Client: GHD

Mailing Address:  
 324 W. Main St. Suite 108, Artesia NM 88210  
 Phone #: (505)377-4218  
 email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  Other  
 NELAC  Other  
 EDD (Type)



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time:  Standard  Rush

Project Name: *Leisler 3-2 Battery Transfer Line*

Project #: *12573596*

Project Manager:  
 Becky Haskell  
 Tom Larson

Sampler: Zach Comino

On Ice:  Yes  No

# of Coolers: *1*

Cooler Temp (including CF): *4.6-0.1 = 4.5°C*

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<i>02/24/22</i>	<i>0935</i>	<i>S</i>	<i>CBH-1</i>	<i>Jar</i>		<i>2201975</i>
	<i>0940</i>		<i>CBH-2</i>			<i>001</i>
	<i>0945</i>		<i>CBH-3</i>			<i>002</i>
	<i>0950</i>		<i>CBH-4</i>			<i>003</i>
	<i>0955</i>		<i>CBH-5</i>			<i>004</i>
	<i>1000</i>		<i>CBH-6</i>			<i>005</i>
	<i>1005</i>		<i>CBH-7</i>			<i>006</i>
	<i>1010</i>		<i>CBH-8</i>			<i>007</i>
	<i>1015</i>		<i>CBH-9</i>			<i>008</i>
	<i>1020</i>		<i>CBH-10</i>			<i>009</i>
	<i>1025</i>		<i>CBH-11</i>			<i>010</i>
	<i>1030</i>		<i>CBH-12</i>			<i>011</i>
						<i>012</i>

Relinquished by: *Zach Comino*

Relinquished by: *Becky Haskell*

Relinquished by: *Tom Larson*

Date: *02/22/22*

Date: *1/15/22*

Date: *1/15/22*

Time: *0800*

Time: *8:00*

Time: *7:30*

Received by: *Becky Haskell*

Received by: *Zach Comino*

Received by: *Tom Larson*

Date: *1/26/22*

Date: *1/26/22*

Date: *1/26/22*

Time: *7:30*

Time: *7:30*

Time: *7:30*

Analysis Request

Analysis Request	Result
BTEX / MTBE / TMB's (8021)	<i>+</i>
(PH:8015D)(GRO / DRO / MRO)	<i>+</i>
8081 Pesticides/8082 PCBs	<i>+</i>
EDB (Method 504.1)	<i>+</i>
PAHs by 8310 or 8270SIMS	<i>+</i>
RCRA 8 Metals	<i>+</i>
Cl, F, Br, NO <sub>2</sub> , NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub>	<i>+</i>
8260 (VOA)	<i>+</i>
8270 (Semi-VOA)	<i>+</i>
Total Coliform (Present/Absent)	<i>+</i>

Remarks: Please email: Chase\_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.

Same Day Rush

Direct Bill to EOG Chase Settle

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



# Attachment D Waste Manifests & Approved C-138

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-138  
Revised August 1, 2011

\*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

**1. Generator Name and Address:**  
EOG Resources, Inc. 104 South Fourth Street, Artesia, NM 88210

**2. Originating Site:**  
Gissler B 3-2 Battery Transfer Line

**3. Location of Material (Street Address, City, State or ULSTR):**  
Section 12-T17S-R30E, Eddy County, NM

**4. Source and Description of Waste:**  
Soil impacted by produced water

EOG Resources, Inc. authorizes Lea Land to complete the required testing and sign the Generator Waste Testing Certificate.

Estimated Volume 180 yd<sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul) \_\_\_\_\_ yd<sup>3</sup> / bbls

**5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**  
I, Tina Huerta Tina Huerta, representative or authorized agent for EOG Resources, Inc do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency:  Monthly  Weekly  Per Load*

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description in Box 4)

**GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS**  
I, \_\_\_\_\_, representative for \_\_\_\_\_ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

**5. Transporter:**  
Standard Safety and Supply

#### OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land Permit #WM-1-035

Address of Facility: MM64, US Highway 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

- Evaporation
- Injection
- Treating Plant
- Landfarm
- Landfill
- Other

#### Waste Acceptance Status:

**APPROVED**

**DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Shelley Denton

TITLE: Mgrngr

DATE: 1-18-22

SIGNATURE: Shelley Denton  
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: 405-236-4257

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Luccro*

### NON-HAZARDOUS WASTE MANIFEST

NO **149571**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **8**

G E	3. COMPANY NAME E.O.G. Resources	4. ADDRESS 105 South 4th St.	5. PICK-UP DATE 1/21/2022			
	PHONE NO. ( 575 ) 748-1471	CITY STATE ZIP Artesia NM 88210	6. TNRCC I.D. NO.			
N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste		1 CM			
	b.					
	c.					
A T O R	d. WT: <b>41920</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE			13. WASTE PROFILE NO.		
14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
NAME JOE ONTIVEROS		PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.		
15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE		DATE	
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: STANDARD SAFETY & SUPPLY		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON		IN CASE OF EMERGENCY CONTACT:			
EMERGENCY PHONE: (432) 741-2509		EMERGENCY PHONE:				
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
PRINTED/TYPED NAME <i>Enrique Hernandez</i>			PRINTED/TYPED NAME _____			
SIGNATURE <i>Enrique Hedz.</i> DATE 1/21/2022			SIGNATURE _____ DATE _____			
D F I A S P I O L S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE <i>Joe Ontiveros</i>			CELL NO.		DATE 1/21/2022	TIME 1215

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**LABORIN**

### NON-HAZARDOUS WASTE MANIFEST

NO **149572**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **07**

G E	3. COMPANY NAME E.O.G. Resources PHONE NO. ( 575 ) 748-1471	4. ADDRESS 105 South 4th St. CITY STATE ZIP Artesia NM 88210	5. PICK-UP DATE 1/21/2022			
			6. TNRCC I.D. NO.			
N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste		1 CM			
	b.					
	c.					
A T O R	d. WT: <b>39100 35920</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE <b>Te 75020</b>		13. WASTE PROFILE NO.			
14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
NAME JOE ONTIVEROS		PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.		
15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE		SIGNATURE		DATE		
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: STANDARD SAFETY & SUPPLY		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON		IN CASE OF EMERGENCY CONTACT:			
EMERGENCY PHONE: (432) 741-2509		EMERGENCY PHONE:				
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
PRINTED/TYPED NAME <b>JOSE MARIA MARTINEZ</b>		PRINTED/TYPED NAME _____				
SIGNATURE <i>[Signature]</i> DATE 1/21/2022		SIGNATURE _____ DATE _____				
D I S P O S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE 1/21/2022		TIME 1230

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

DC  
77

### NON-HAZARDOUS WASTE MANIFEST

NO **149573**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **77**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b> PHONE NO. <b>( 575 ) 748-1471</b>	4. ADDRESS <b>105 South 4th St.</b> CITY STATE ZIP <b>Artesia NM 88210</b>	5. PICK-UP DATE <b>1/21/2022</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. <b>Non-Regulated, Non Hazardous Waste</b> b. c. d. <b>WT: 32900 34620</b>		6. TNRCC I.D. NO.	
A T O R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>GISSLER B 3-2 BATTERY TRANSFER LINE To 67520</b>		13. WASTE PROFILE NO.	
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>			
D I S P O S I T O R S	16. <b>TRANSPORTER (1)</b> NAME: <b>STANDARD SAFETY &amp; SUPPLY</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b> EMERGENCY PHONE: <b>(432) 741-2509</b>	17. <b>TRANSPORTER (2)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Daniel Tarin</b> SIGNATURE <b>Daniel Tarin</b> DATE <b>1/21/2022</b>	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____		
D I S P O S I T O R S	<b>Lea Land, LLC</b>	ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>575-887-4048</b>	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS		
L E A L A N D	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE <b>Daniel Ontiveros</b>	CELL NO.	DATE <b>1/21/2022</b>	TIME <b>12:55</b>

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*The Brothers*

**NON-HAZARDOUS WASTE MANIFEST**

NO **149574**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **19**

G E	3. COMPANY NAME E.O.G. Resources	4. ADDRESS 105 South 4th St.	5. PICK-UP DATE 1/21/2022
	PHONE NO. (575) 748-1471	CITY STATE ZIP Artesia NM 88210	6. TNRC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste	1 CM			
	b.				
	c.				

d. WT: **34120 32420**

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: GISSLER B 3-2 BATTERY TRANSFER LINE <b>Te 66540</b>	13. WASTE PROFILE NO.
---	--	-----------------------

T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME JOE ONTIVEROS	PHONE NO 575-887-4048	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE	SIGNATURE	DATE
---	---	-----------	------

T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: STANDARD SAFETY & SUPPLY TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
--	---	---

	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Leo Javich</b> SIGNATURE <b>Leo Javich</b> DATE <b>1/21/2022</b>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
--	---	--

D I S P O S I T O R Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
---	---------------	---	------------------------

	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
--	--------------------------------------	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

	AUTHORIZED SIGNATURE <b>Dante Ontiveros</b>	CELL NO.	DATE 1/21/2022	TIME 100
--	--	----------	-------------------	-------------

GENERATOR: COPIES 1 & 6      DISPOSAL SITE: COPIES 2 & 3      TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lucero*

**NON-HAZARDOUS WASTE MANIFEST**

NO **149588**

1. PAGE     OF    

2. TRAILER NO. **777**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>1/24/2022</b>		
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.		
<b>N E R A T I V E</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	Type	9. TOTAL QUANTITY
	a. <b>Non-Regulated, Non Hazardous Waste</b>		1	CM	
	b.				
	c.				
<b>A U T H O R I Z E D</b>	d. WT: <b>40820</b>				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>GISSLER B 3-2 BATTERY TANSFER LINE</b>			13. WASTE PROFILE NO.	
<b>T R A N S P O R T E R S</b>	<b>14. IN CASE OF EMERGENCY OR SPILL, CONTACT</b>				
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.		
<b>D I S P O S I T I O N A L S I T E</b>	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE		
<b>T R A N S P O R T E R S</b>	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>		
	NAME: <b>STANDARD SAFETY &amp; SUPPLY</b>		NAME:		
	TEXAS I.D. NO.		TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:		
<b>D I S P O S I T I O N A L S I T E</b>	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:		
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <b>OBEY LUCERO</b>		PRINTED/TYPED NAME _____		
	SIGNATURE <b>Obet Lucero</b> DATE <b>1/24/2022</b>		SIGNATURE _____ DATE _____		
<b>D I S P O S I T I O N A L S I T E</b>	Lea Land, LLC	ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>575-887-4048</b>		
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
<b>D I S P O S I T I O N A L S I T E</b>	AUTHORIZED SIGNATURE 	CELL NO.	DATE <b>1/24/2022</b>	TIME <b>11 55</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lucero*

**NON-HAZARDOUS WASTE MANIFEST**

NO **149589**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **8**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>1/24/2022</b>			
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.			
N E R E A R T Y	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>			
	b.					
	c.					
A T T R I B U T E	d. WT: <b>36960</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>GISSLER B 3-2 BATTERY TANSFER LINE</b>			13. WASTE PROFILE NO.		
T R A N S P O R T E R S	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
O F F I C E	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>		SIGNATURE		DATE	
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: <b>STANDARD SAFETY &amp; SUPPLY</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:				
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
PRINTED/TYPED NAME <b>Enrique Hernandez</b>		PRINTED/TYPED NAME _____				
SIGNATURE <b>Enrique Hadz</b> DATE <b>1/24/2022</b>		SIGNATURE _____ DATE _____				
D I S P O S I T I O N	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>		PHONE: <b>575-887-4048</b>	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
A T T R I B U T E	AUTHORIZED SIGNATURE <b>Joe Ontiveros</b>		CELL NO. _____		DATE <b>1/24/2022</b>	
					TIME <b>12:10</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Porras*

**NON-HAZARDOUS WASTE MANIFEST**

NO **149590**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **L-17**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>1/24/2022</b>			
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.			
N E R T E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>			
	b.					
A U T H O R I Z E D	c.					
	d. WT: <b>34620</b>					
T R A N S P O R T E R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>GISSLER B 3-2 BATTERY TANSFER LINE</b>			13. WASTE PROFILE NO.		
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
D I S P O S I T I O N A L	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
L E A L A N D	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>		SIGNATURE		DATE	
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
S I T E	NAME: <b>STANDARD SAFETY &amp; SUPPLY</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
L A N D	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <b>(432) 741-2508</b>		EMERGENCY PHONE:			
L A N D	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>Carlos Porras</b>		PRINTED/TYPED NAME			
L A N D	SIGNATURE <i>[Signature]</i>		SIGNATURE			
	DATE <b>1/24/2022</b>		DATE			
L A N D	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>		PHONE: <b>575-887-4048</b>	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
L A N D	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE <b>1/24/2022</b>	TIME <b>1250</b>

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lucero*  
21

**NON-HAZARDOUS WASTE MANIFEST**

NO **149591**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **21**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>1/24/2022</b>			
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.			
N E R A T O R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>		1 CM			
	b.					
	c.					
A U T H O R I Z E D	d. WT: <b>34900</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>GISSLER B 3-2 BATTERY TANSFER LINE</b>			13. WASTE PROFILE NO.		
T R A N S P O R T E R S	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.			
D I S P O S I T I O N A L Y	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE			
D I S P O S I T I O N A L Y	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: <b>STANDARD SAFETY &amp; SUPPLY</b>		NAME:			
D I S P O S I T I O N A L Y	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T I O N A L Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
D I S P O S I T I O N A L Y	PRINTED/TYPED NAME: <b>Rogelio N</b>		PRINTED/TYPED NAME			
	SIGNATURE: <i>[Signature]</i> DATE: <b>1/24/2022</b>		SIGNATURE DATE			
D I S P O S I T I O N A L Y	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>		PHONE: <b>575-887-4048</b>	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
D I S P O S I T I O N A L Y	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE: <i>[Signature]</i>		CELL NO.	DATE: <b>1/24/2022</b>	TIME: <b>300</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 82600

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 82600
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	None	2/28/2022